

BDN FASTENERS

AS3566 Australian Standard
BUILDING FASTENERS

100% Made in Taiwan

ISO 9001:2015



GROUP

BDN Fasteners® is an ISO-9001:2015 Certified Manufacturer of self-drilling and self-tapping screws in various coatings for steel to steel and steel to timber applications. Our headquarters and manufacturing are based in Taiwan, and we also operate sales and marketing offices in India and Thailand.

Founded in 2009.





www.bdnfasteners.in

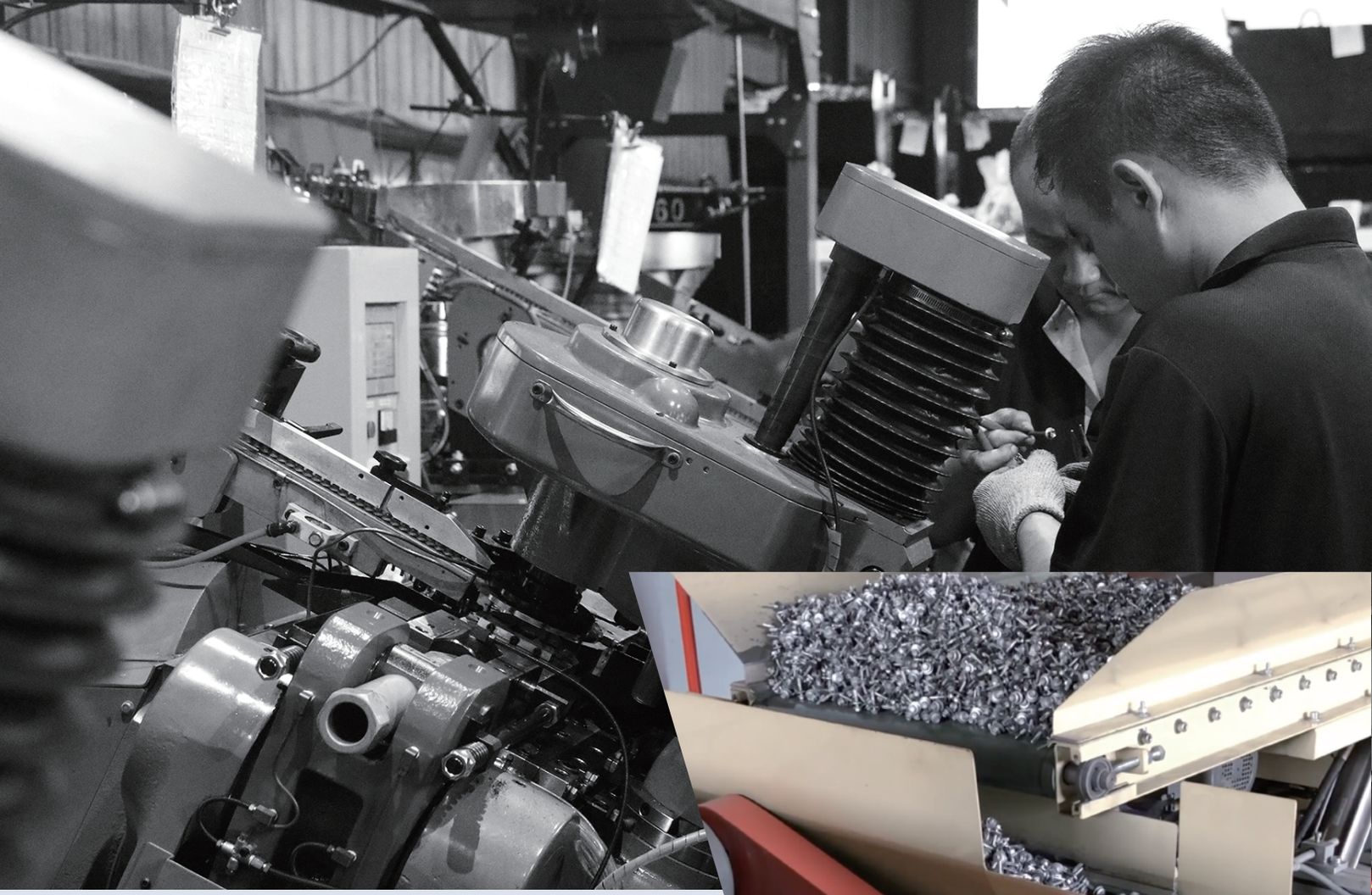


CAPACITY

BDN Fasteners® are manufactured on a 2000 square meter area which is comprised of Heading, Pinch Pointing, Threading and End-Cutting machines with a total capacity of 600 metric tons per month.

Primary Materials: C1022 Steel from CSC Taiwan
Products: Self-Drilling, Self-Tapping Screws
Size: M3.5~6.3
Length: 300mm (max)

BDN FASTENERS





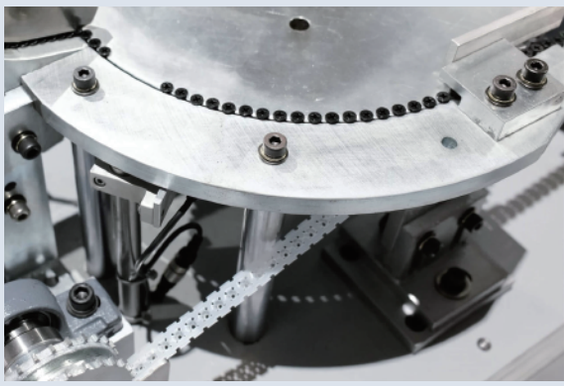
FACTORY

2000 square meter space
Annual capacity
360 containers per year
30 containers per month
600 tons/month

BDN FASTENERS

PACKAGING FACTORY

3000 square meter space
Semi-Automatic Sorting
Semi-Automatic Boxing
Semi-Automatic Pouch filling & Packaging
Pallet carton packaging
Collated screws assembly and packaging
Weighers





www.bdnfasteners.in

BDN FASTENERS® - 100% Made in Taiwan, used and loved by customers worldwide for over 13 Years (and counting)!

13th Anniversary
Est. 2009

2009

Established in 2009 and began the trade of selling construction fasteners.

2014

In 2014, the 100% Made in Taiwan, BDN Fasteners brand name stepped into the fasteners scene.

2015

BDN FASTENERS Thailand was established in 2015, and set up as a base for sales and promotion of BDN Fasteners in ASEAN countries.

2017

BDN Fasteners takes a major step forward and builds a new facility dedicated to Heading, Threading, and Pinch Pointing processes – maximizing speed and efficiency, taking our service and quality to the next level.

2018

Despite hard times, BDN Fasteners takes yet another bold step forwards, relocating to a larger storage and packaging facility for better logistics, accommodate additional personnel, and new packaging machinery.

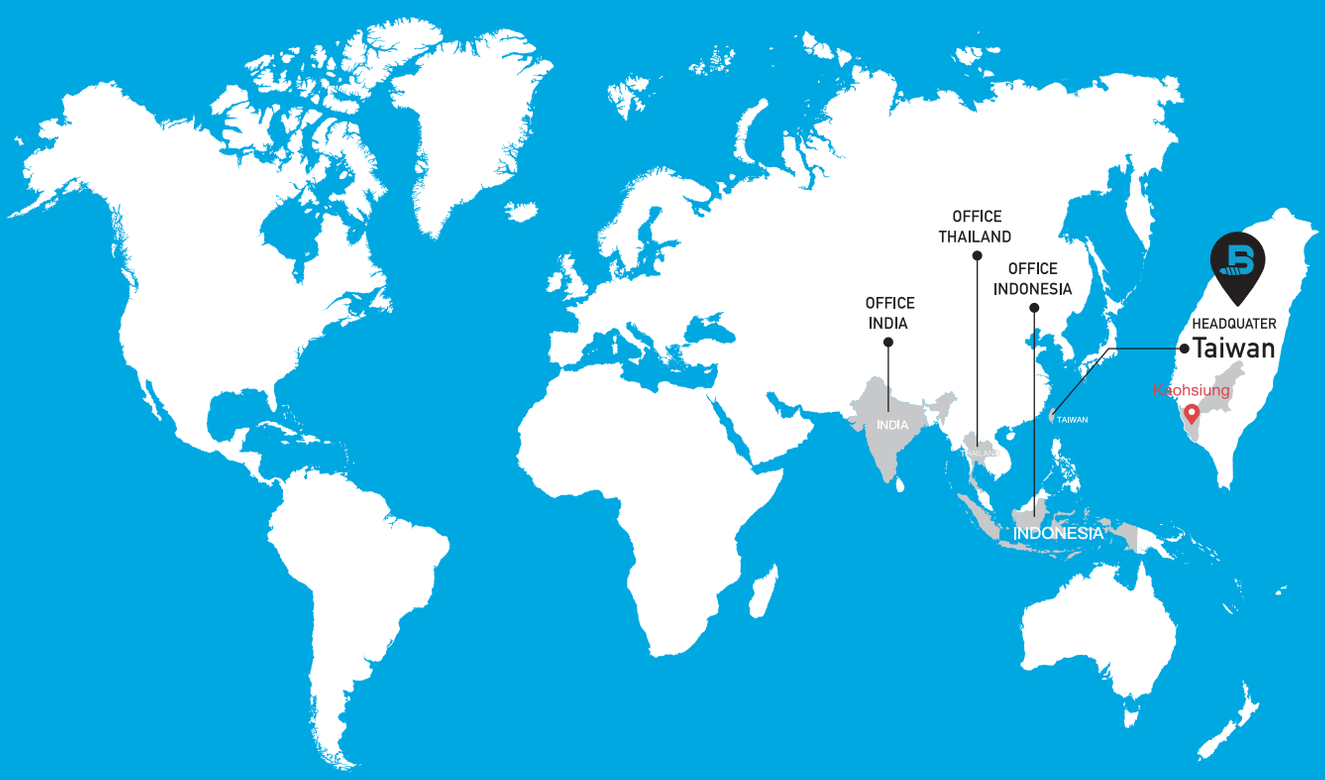
BDN FASTENERS PVT.LTD. was established in the end of July, 2018 for sales in Indian market.

2019

BDN FASTENERS takes another bold step forwards, moving our packaging and warehouse facility to a larger area in order to provide better, faster service in the near future.

2022

Despite the outburst of COVID-19 and the world going topsy-turvy, BDN Fasteners has taken advantage of the calm within the storm, expanding of our facility and adding multiple collated screw assembly lines, fully prepared once the global economy bounces back to pre-pandemic levels.




BDN FASTENERS
Your strong fastening partner. Join us!

PRODUCTS

BDN Fasteners® offer a full range of Australian AS3566 Standard self-drilling and self-tapping screws for steel to steel and steel to timber applications in various coating options to cope with different environments. We aim to provide customers with the highest quality product at a competitive price.

Certified Product™
Australian Standard



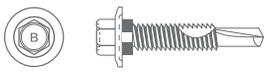
www.bdnfasteners.in

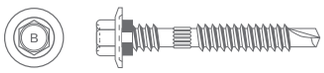
CONTENTS

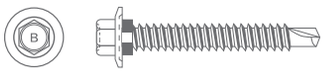
BDN FASTENERS

METAL-Tite

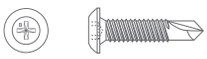
Valley Fixing Fasteners  10

Valley Fixing Fasteners - Heavy Section  12

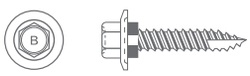
Crest Fixing Fasteners (Double Thread)  14

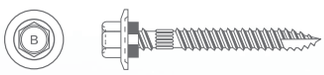
Crest Fixing Fasteners  16

Stitching Fasteners  18

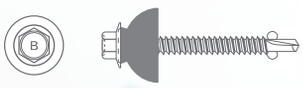
Concealed Fixing Fasteners  20

TIMBER-Tite

Valley Fixing Fasteners  22

Crest Fixing Fasteners  24

POLYXPAND

Skylight Fixing Fasteners  26



METAL-Tite™

Fixing Cladding to Metal

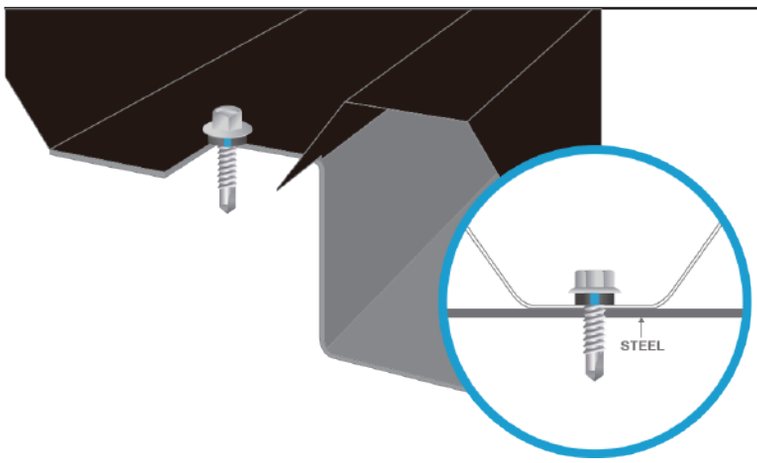


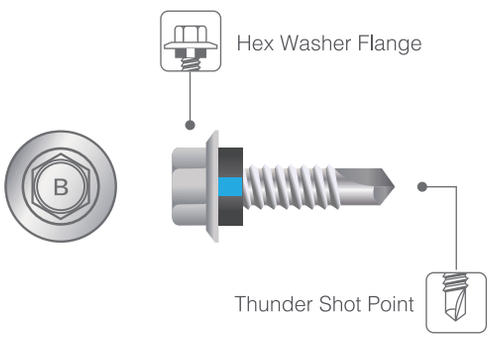
www.bdnfasteners.in

METAL-Tite™

Valley Fixing Fasteners

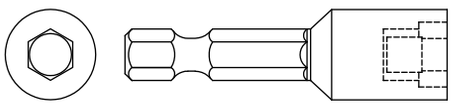
Carbon steel fasteners for fixing steel sheets onto steel substrates





ADAPTER TO USE

Magnetic Hex Socket (5/16")



STEEL PENETRATION

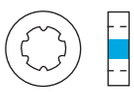
Max 6.0mm thick (For #12 gauge)

PRODUCT FEATURES

Hex Washer Flange
Thunder-Shot Point

WASHER

DEKS Dekseal® Trueblue® Washer



PART NUMBER

Silver Series
SST 1000 hrs + Kesternich 7 cycles

BS-SDHC1225C3N	12-14 x 25mm
BS-SDHC1235C3N	12-14 x 35mm

*For sizes not indicated, please contact for further information

METAL-Tite™

Fixing to Thick Steel

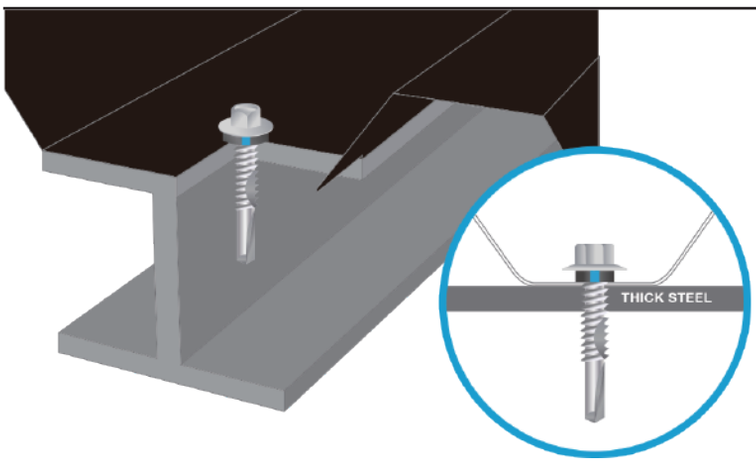


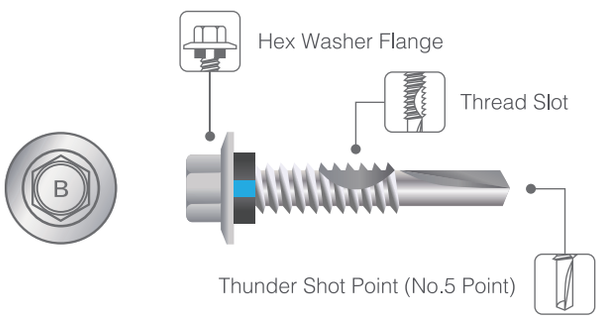
www.bdnfasteners.in

METAL-Tite™

Heavy Section

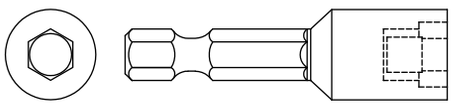
The patented Thunder-Shot Drill Point is designed for fixing cladding to thick steel and drills through 12.5mm thick steel with ease.





ADAPTER TO USE

Magnetic Hex Socket (5/16")



STEEL PENETRATION

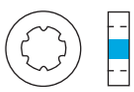
Max 12.5mm thick

PRODUCT FEATURES

Hex Washer Flange
Thread slot
No.5 Drilling Point

WASHER

DEKS Dekseal® Trueblue® Washer



PART NUMBER

B

Silver Series
SST 1000 hrs + Kesternich 7 cycles

BS-SDH5F1232C3N	12-14 x 32mm
BS-SDH5F1265C3N	12-24 x 65mm
BS-SDH5F1280C3N	12-24 x 80mm

*For sizes not indicated, please contact for further information

METAL-Tite™

Fixing Roof Sheeting to Metal

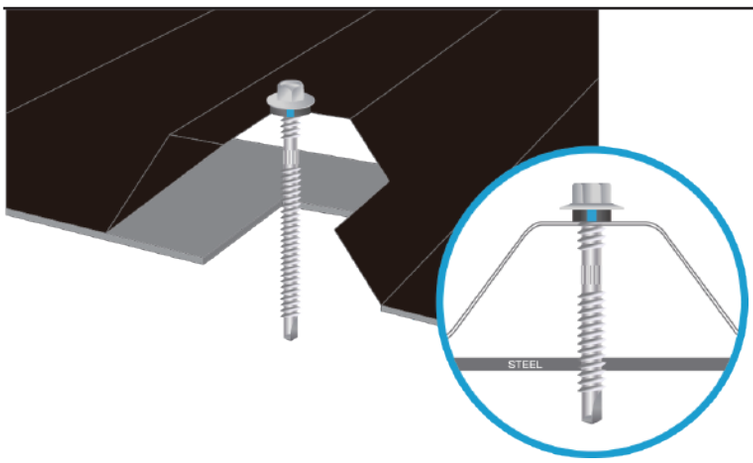


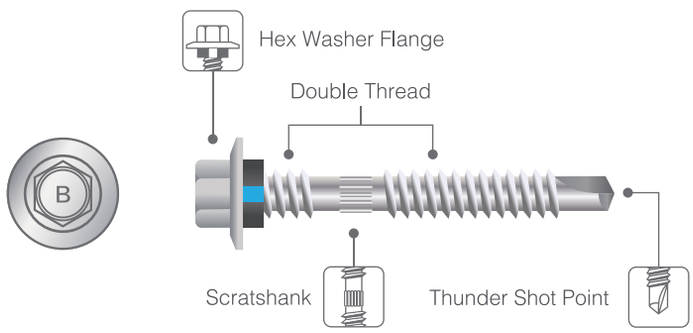
www.bdnfasteners.in

METAL-Tite™

Crest Fixing Fasteners (Double Thread)

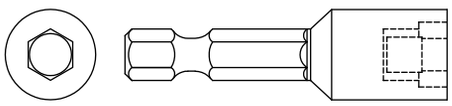
Carbon steel fasteners for fixing steel sheets onto steel substrates





ADAPTER TO USE

Magnetic Hex Socket (5/16")



STEEL PENETRATION

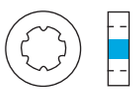
Max 6.0mm thick (For #12 gauge)

PRODUCT FEATURES

Hex Washer Flange
Thunder-Shot Point
Double Thread
Scratshank

WASHER

DEKS Dekseal® Trueblue® Washer



PART NUMBER

Silver Series
SST 1000 hrs + Kesternich 7 cycles

BS-SDHCG1245C3N	12-14 x 45mm
BS-SDHCG1255C3N	12-14 x 55mm
BS-SDHCG1265C3N	12-14 x 65mm
BS-SDHCG1275C3N	12-14 x 75mm

*For sizes not indicated, please contact for further information

METAL-Tite™

Fixing Roof Sheeting to Metal

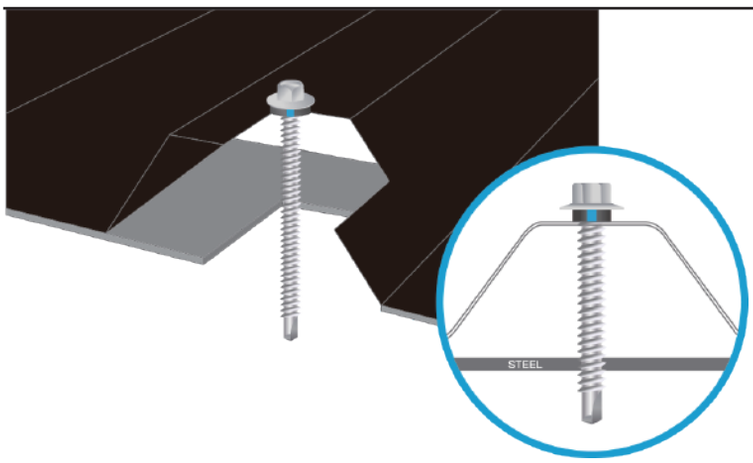


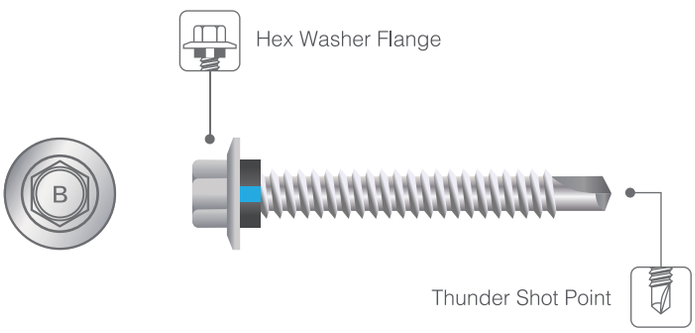
www.bdnfasteners.in

METAL-Tite™

Crest Fixing Fasteners

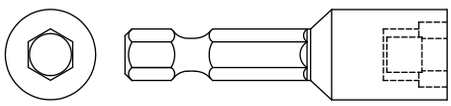
Carbon steel fasteners for fixing steel sheets onto steel substrates





ADAPTER TO USE

Magnetic Hex Socket (5/16")



STEEL PENETRATION

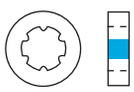
Max 6.0mm thick (For #12 gauge)

PRODUCT FEATURES

Hex Washer Flange
Thunder-Shot Point

WASHER

DEKS Dekseal® Trueblue® Washer



PART NUMBER

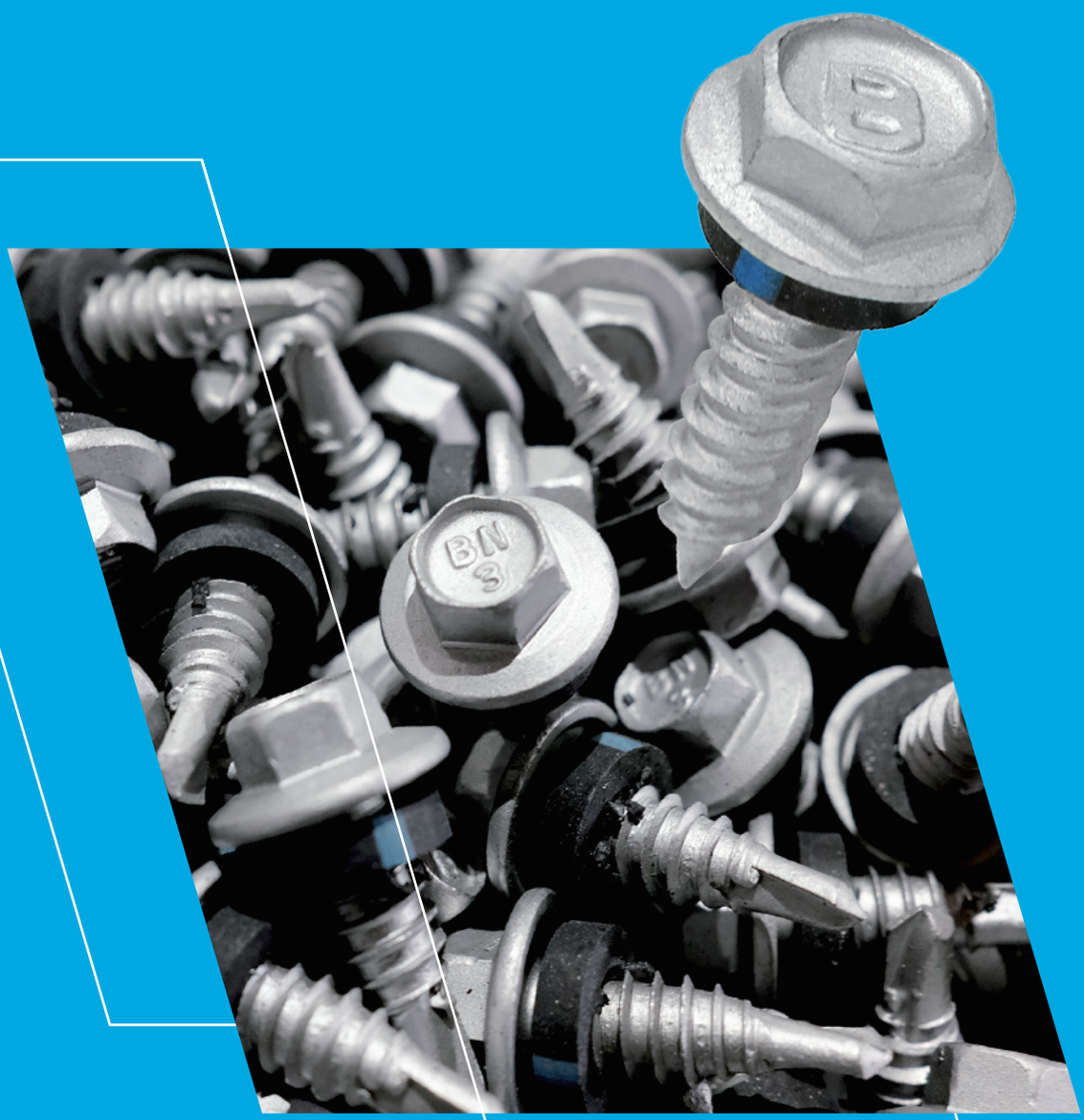
Silver Series
SST 1000 hrs + Kesternich 7 cycles

BS-SDHC1245C3N	12-14 x 45mm
BS-SDHC1255C3N	12-14 x 55mm
BS-SDHC1265C3N	12-14 x 65mm
BS-SDHC1275C3N	12-14 x 75mm

*For sizes not indicated, please contact for further information

METAL-Tite™

Stitching Screws Fixing to Metal

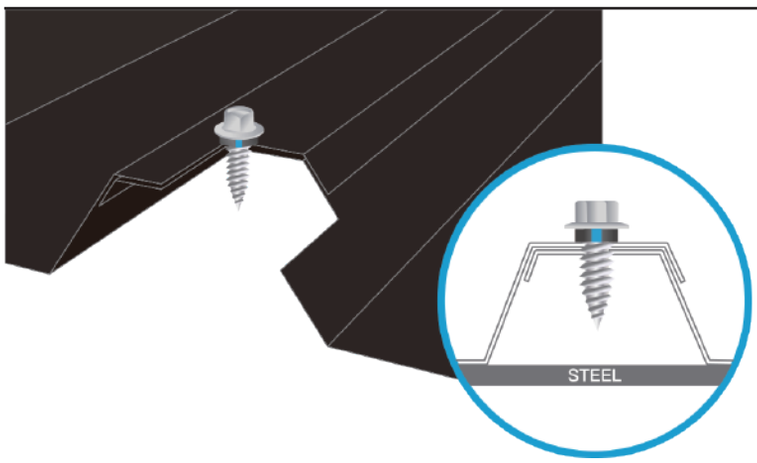


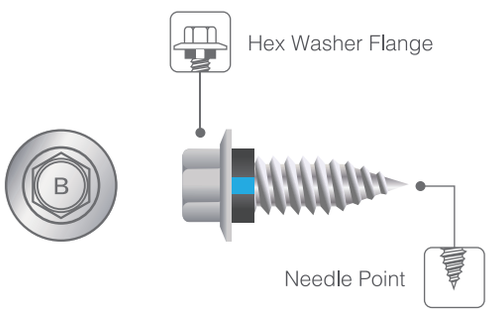
www.bdnfasteners.in

METAL-Tite™

Stitching Fasteners

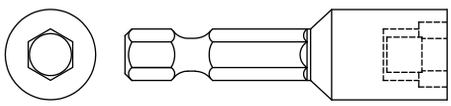
Carbon steel fasteners for fixing steel sheets onto steel substrates





ADAPTER TO USE

Magnetic Hex Socket (5/16")



STEEL PENETRATION

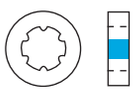
Max 1.0mm thick

PRODUCT FEATURES

Hex Washer Flange
Needle Point

WASHER

DEKS Dekseal® Trueblue® Washer



PART NUMBER

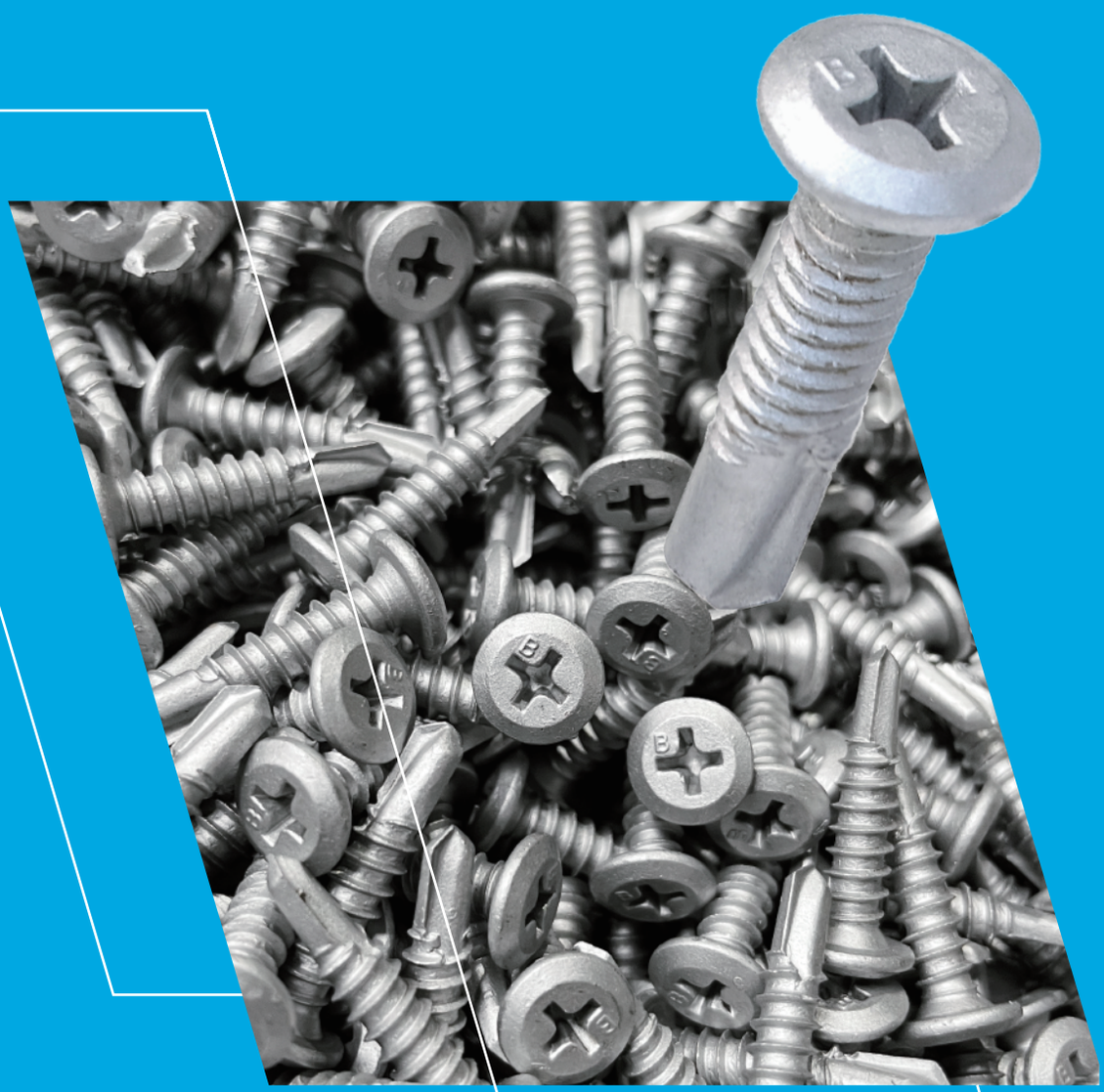
Silver Series
SST 1000 hrs + Kesternich 7 cycles

BS-T17H1020C3N	10-12 x 20mm
BS-T17H1025C3N	10-12 x 25mm

*For sizes not indicated, please contact for further information

METAL-Tite™

Concealed Fixing to Metal

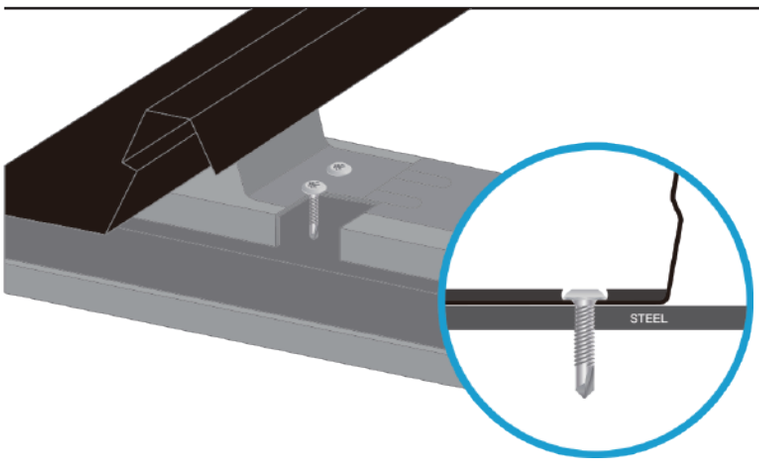


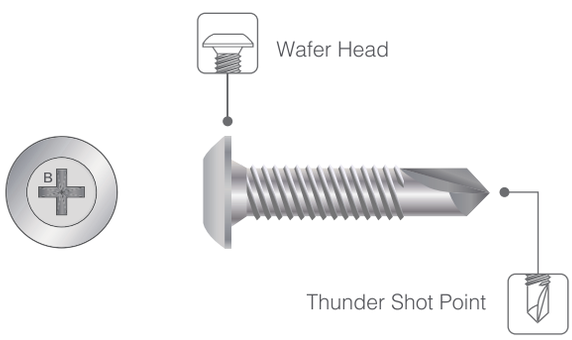
www.bdnfasteners.in

METAL-Tite™

Concealed Fixing Fasteners

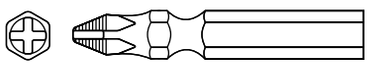
Carbon steel fasteners for fixing steel sheets onto steel substrates





ADAPTER TO USE

Philips Bit (PH2+)



STEEL PENETRATION

Max 4.0mm thick

PRODUCT FEATURES

Wafer Head
Philips Drive
Thunder-Shot Point

PART NUMBER

Silver Series
SST 1000 hrs + Kesternich 7 cycles

BS-SDWF1022C3 10-24 x 22mm

*For sizes not indicated, please contact for further information

TIMBER-Tite™

Fixing Cladding to Timber

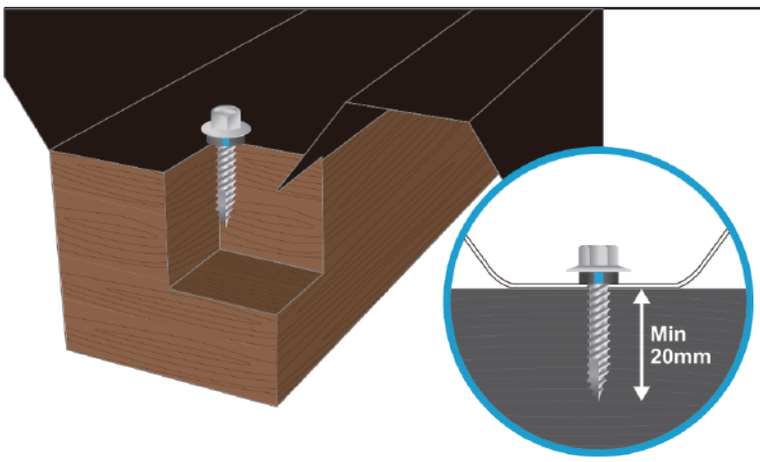


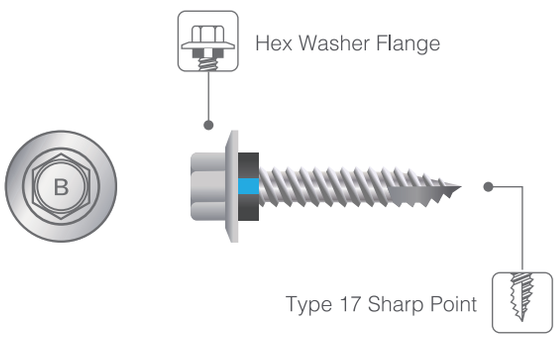
www.bdnfasteners.in

TIMBER-Tite™

Valley Fixing Fasteners

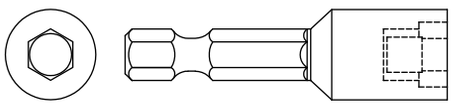
Carbon steel fasteners for fixing steel sheets into timber substrates





ADAPTER TO USE

Magnetic Hex Socket (5/16")



TIMBER PENETRATION

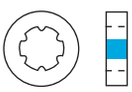
Min 20mm penetration

PRODUCT FEATURES

Hex Washer Flange
Type 17 Sharp Point

WASHER

DEKS Dekseal® Trueblue® Washer



PART NUMBER

Silver Series
SST 1000 hrs + Kesternich 7 cycles

BS-T17H1020C3N	10-12 x 20mm
BS-T17H1025C3N	10-12 x 25mm

*For sizes not indicated, please contact for further information

TIMBER-Tite™

Fixing Roof Sheeting to Timber

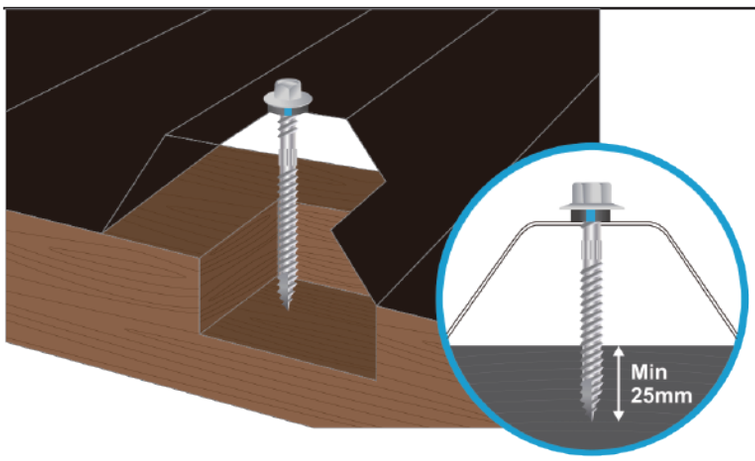


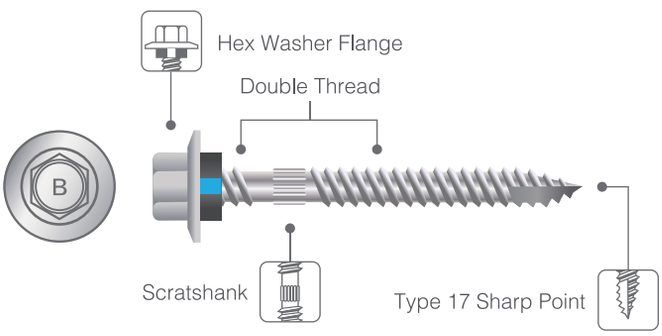
www.bdnfasteners.in

TIMBER-Tite™

Crest Fixing Fasteners

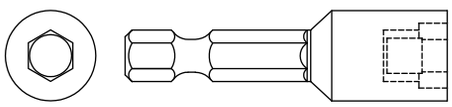
Carbon steel fasteners for fixing steel sheets onto steel substrates





ADAPTER TO USE

Magnetic Hex Socket (5/16")



TIMBER PENETRATION

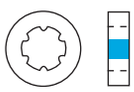
Min 20mm penetration

PRODUCT FEATURES

Hex Washer Flange
Type 17 Sharp Point
Double Thread
Scratshank

WASHER

DEKS Dekseal® Trueblue® Washer



PART NUMBER

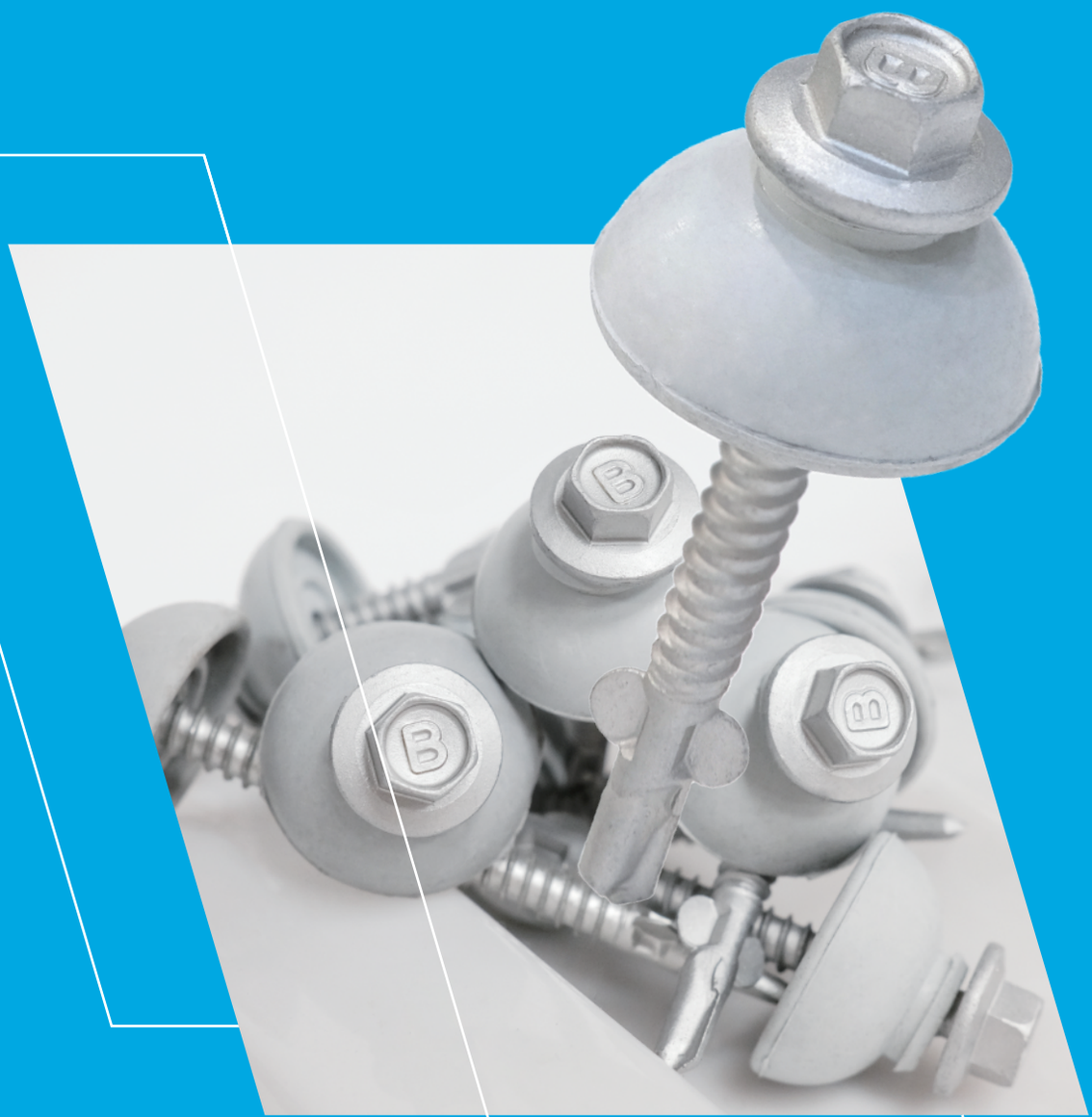
Silver Series
SST 1000 hrs + Kesternich 7 cycles

BS-T17HCG1255C3N 12-11 x 55mm

*For sizes not indicated, please contact for further information

POLYXPAND™

Concealed Fixing to Metal

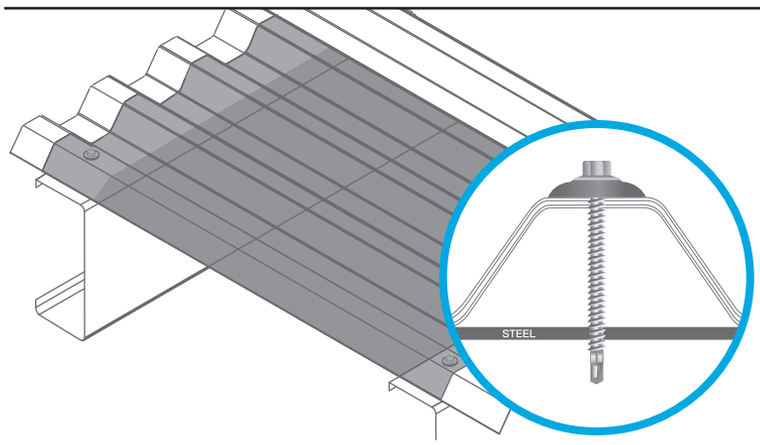


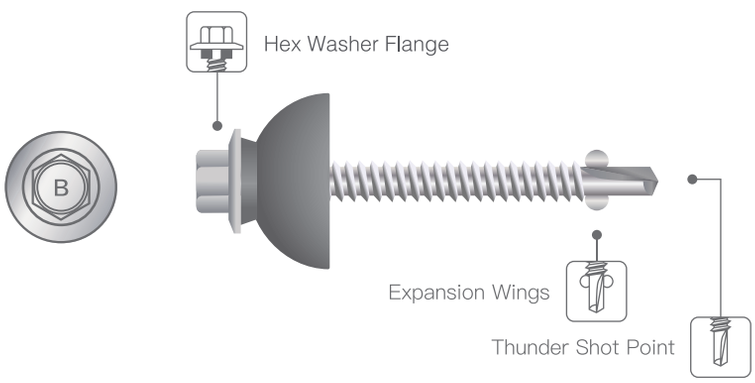
www.bdnfasteners.in

POLYXPAND™

CONCEALED FIXING FASTENERS

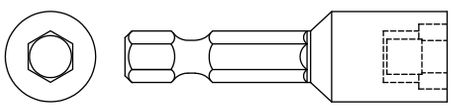
Carbon steel fasteners for fixing steel sheets onto steel substrates





ADAPTER TO USE

Magnetic Hex Socket (5/16")



STEEL PENETRATION

Max 5.5mm Thick

PRODUCT FEATURES

Hex Washer Flange
Expansion Wings
Thunder-Shot Point

WASHER

25mm Dome Grey EPDM



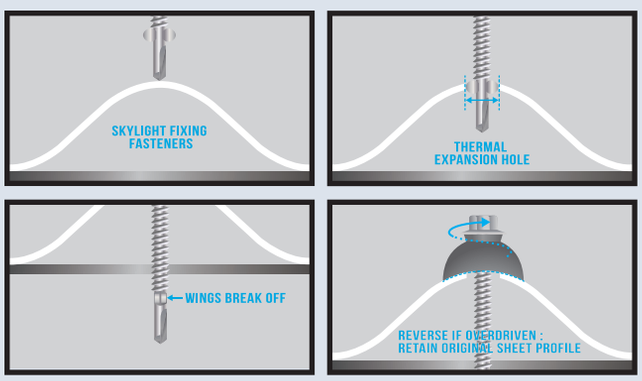
PART NUMBER



Silver Series

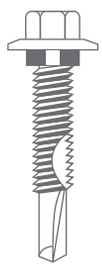
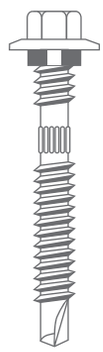
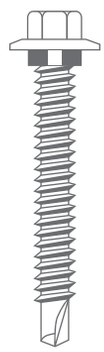
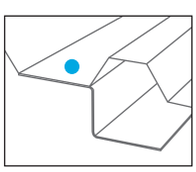
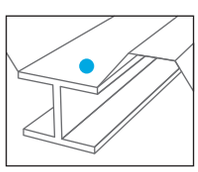
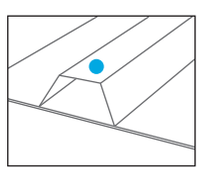
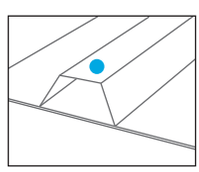
SST 1000 hrs + Kesternich 7 cycles

BS-SDHCP1255C3D 12-14 x 55mm



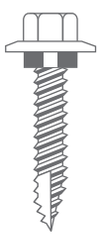
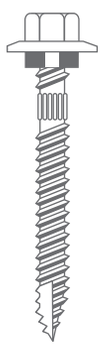
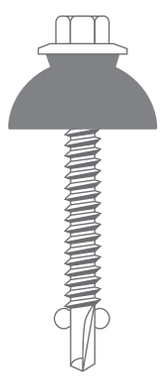
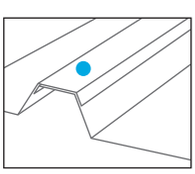
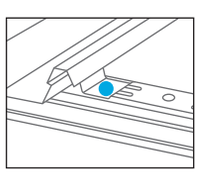
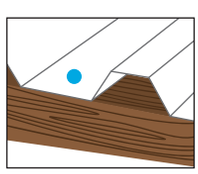
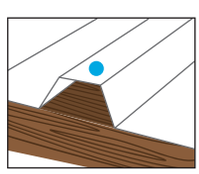
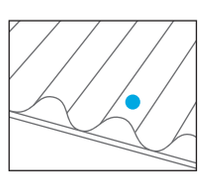
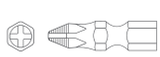
*For sizes not indicated, please contact for further information

Product overview BDN Fasteners®

Type				
Product				
Applications				
Max. drilling capacity [mm]	Max 6.0mm thick (For #12 gauge)	Max 12.5mm thick	Max 6.0mm thick (For #12 gauge)	Max 6.0mm thick (For #12 gauge)
Tools	Magnetic Hex Socket (5/16”) 	Magnetic Hex Socket (5/16”) 	Magnetic Hex Socket (5/16”) 	Magnetic Hex Socket (5/16”) 
Gauge TPI x Length [mm]	12-14 x 25mm 12-14 x 35mm	12-24 x 32mm 12-24 x 38mm 12-24 x 50mm	12-14 x 45mm 12-14 x 55mm 12-14 x 65mm 12-14 x 75mm	12-14 x 45mm 12-14 x 55mm 12-14 x 65mm 12-14 x 75mm
Product webpage QR code				

www.bdnfasteners.in

BDN FASTENERS

				
				
				
Max 1.0mm thick	Max 4.0mm thick	Min 20mm Timber penetration	Min 20mm Timber penetration	Max 5.5mm thick
Magnetic Hex Socket (5/16”) 	Philips Bit (PH2+) 	Magnetic Hex Socket (5/16”) 	Magnetic Hex Socket (5/16”) 	Magnetic Hex Socket (5/16”) 
10-12 x 20mm 10-12 x 25mm	10-24 x 22mm	10-12 x 20mm 10-12 x 25mm	12-11 x 55mm	12-14 x 55mm
				

Quality Assurance

To show our commitment to being a trustworthy supplier, and provide the best product and services, **BDN Fasteners®** are manufactured and quality controlled following ISO standards, and is of course, ISO-9001:2015 certified.



Certificate of Registration

ARES

The Governing Board of
ARES INTERNATIONAL CERTIFICATION CO., LTD.
hereby grants to :

Broaden Worldwide Co., Ltd.

No.47-37, Jiahua Rd., Gangshan Dist., Kaohsiung City, Taiwan (R.O.C.)

Has been assessed and found to be in accordance with the requirements of standard detailed below

ISO 9001:2015

Scope

Manufacturing &Trading of the Import and Export of Metal Products (Such as Metal Parts, Screws, Fasteners, Steel, etc.).

Authorized by :

Certificate Number: ARES/TW/I2008060Q

Initial Certificate Date: 2020-08-20 Registration Expiration Date: 2023-08-19

Note: The time interval between each surveillance audit and the last on-site audit shall not exceed 12 months, and the organization must obtain "surveillance audit approval notification" issued by ARES to ensure the validity of the certificate.

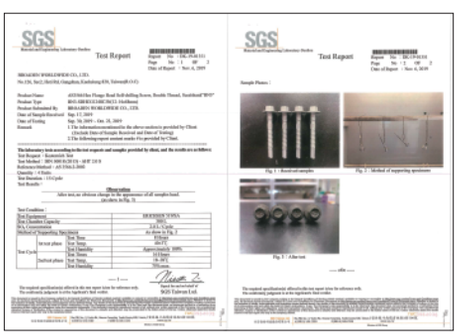
ARES INTERNATIONAL CERTIFICATION CO., LTD.
No.12-2, Ln.367, Wenping Rd., Anping Dist., Tainan City 708, Taiwan
TEL：+886-6-2959696
FAX：+886-6-2959667
www.ares-registration.com

IAF IAS ACCREDITED ARES

dun & bradstreet

D-U-N-S® CERTIFIED

Click here to view the online D-U-N-S® Certified Profile





SGS Certification

BDN Fasteners BN3 Series screws are regularly sent to SGS for Kesternich & Spray Salt Test (1000 hrs) certification.

As part of our new quality assurance policy, which aims to provide high quality, third-party laboratory certified products – customers will now receive the most up-to-date corrosion resistance certifications upon request.

QUALITY CONTROL IN PROCESS

– PRE-PRODUCTION INSPECTION
Drawing Check
Specific Conditions Check

– HEADING / THREADING / THREADING / PINCH POINTING
Machinery Condition Check
Molds and Dies Inspection and Setup

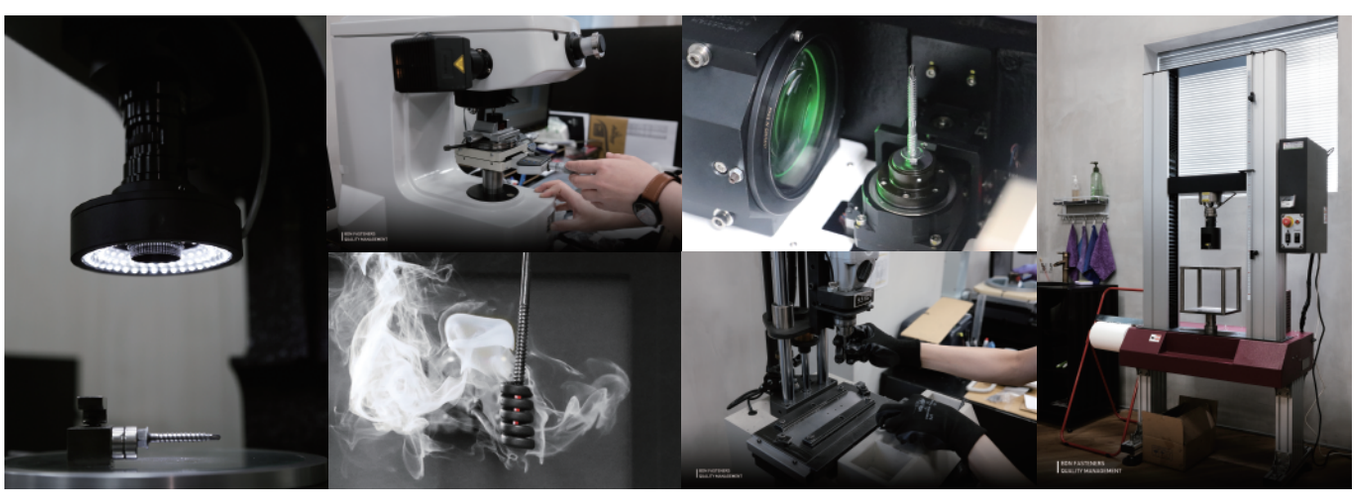
– FINAL INSPECTION
Dimension Check
Functionality Check
Visual Check

– PRE-SHIPMENT INSPECTION
Manual Sorting and Rearrangement
Optical Sorting (Optional)

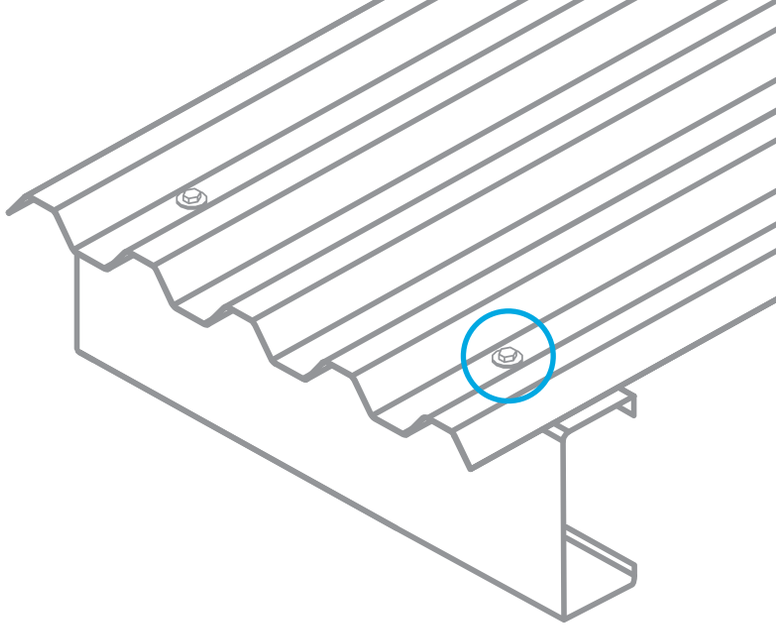
– PRE-SHIPMENT SAMPLES SENT UPON REQUEST

– HEAT TREATMENT
Strictly controlled process
Fully equipped with well maintained hardness testers.

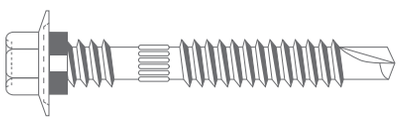
– SURFACE TREATMENT
Well equipped with salt-spray and corrosion test machinery.



Pullout Values

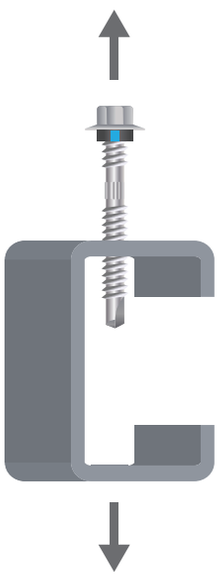


BDN FASTENERS into Steel

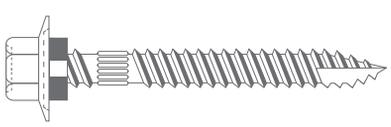


Screw Gauge / TPI	Steel Thickness				
	0.75mm Batten	1.20mm Stud	1.5mm Purlin	1.9mm Purlin	2.4mm Purlin
10-16 x L	1,860	2,320	4,200	5,500	7,820
10-24 x L	–	2,320	4,280	5,820	7,680
12-14 x L Screw Length longer than 20mm	–	1,980	3,040	5,160	6,960
12-14 x L Screw Length 20mm or Shorter	–	2,200	4,080	5,420	7,360

(Unit:Newtons)

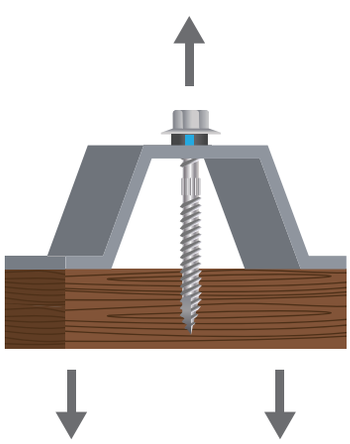


BDN FASTENERS into Timber, Lightweight Battens & Steel



Screw Gauge / TPI	0.55mm Steel Batten	0.75mm Steel Batten	F7 Pine Timber	F17 Hardwood
10-12 x L (T17S)	1,320	2,220	5,700	6,000
12-11 x L (T17S)	1,510	2,400	3,900	6,460

(Unit:Newtons)



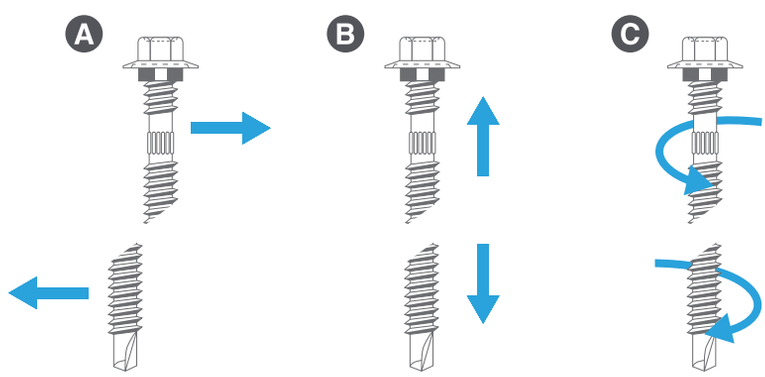
Mechanical Properties

Screw Gauge / TPI	Single Shear Strength (N)	Axial Tensile Strength (N)	Torsional Strength (Nm)
10-16 x L	6,800	11,900	6.9
10-24 x L	6,200	11,400	7.4
12-14 x L	8,800	15,300	10.9
12-11 x L (T17S)	8,400	13,900	9.4

A **Single Shear Strength (N)**
The shear load required to break the screw

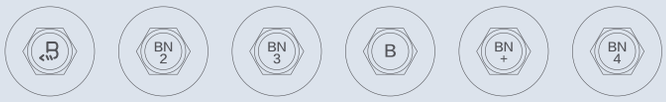
B **Axial Tensile Strength (N)**
The tensile load required to break the screw

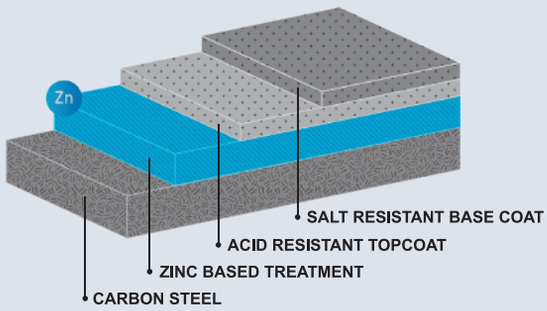
C **Torsional Strength (Nm)**
The torque required to break the screw





Surface Coating





Corrosion Resistance	Class 2		Class 3			Class 4
Head Marking	B//>	BN2	BN3	B	BN+	BN4
Coating Type	Zinc+ Organic Coating (Ruspert)	Zinc+ Organic Coating (Ruspert)	Zinc+ Organic Coating (Ruspert)	Zinc+ Organic Coating (Ruspert)	Zinc+ Organic Coating (Ruspert)	Zinc+ Organic Coating (Ruspert)
Salt Spray Test	500hrs	500hrs	1000hrs	1000hrs	1000hrs	2000hrs
Kesternich Test	5 cycle	5 cycle	7 cycle	7 cycle	15 cycle	15 cycle

Screw Description

PART CODE

POINT TYPE	HEAD STYLE	DRILLING POINT	THREAD PITCH	PRODUCT	THREAD TYPE	GUAGE	LENGTH	CORROSION RESISTANCE CLASS	SEALING WASHER
								 SST 500HRS+5 CYCLES	 DEKS EPDM WASHER
SELF DRILLING	HEX	#5 POINT	COARSE THREAD	POLYXPAND	SCRATSHANK			C2	N
SD	H	5	C	P	G				
								 SST 1000HRS+7 CYCLES	 BAZ WASHER
TYPE 17	WAFER HEAD	STITCHING POINT	FINE THREAD					C3	D
T17	W	ST	F			12	55	 SST 1000HRS+15 CYCLES	 BONDED WASHER
								C3+	B

Packaging Guide

Brand new packaging, upsized logos, spiced up head markings and more! Updated color scheme means you'll never have trouble spotting trusty **BDN Fasteners®** anymore!

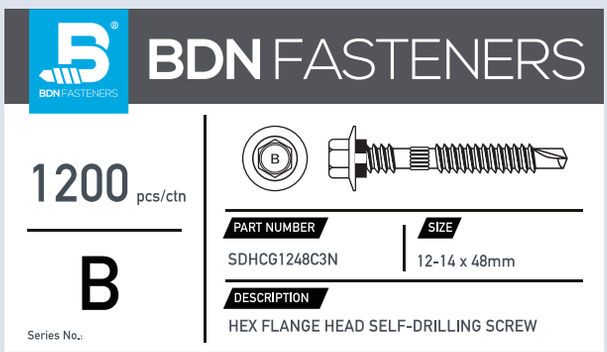


Size: 270 x 390 x 200 mm

Product Label

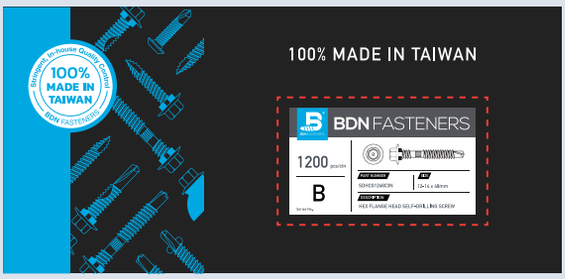
BDN Fasteners® come with large, easy to read product labels. Each product has its own unique label sfowing the product category, packaged quantity, size, part no., color and description.

To re-order, quote the Part No., Product Description, and Color Code as indicated below. This information can be easily obtained from existing packaging.



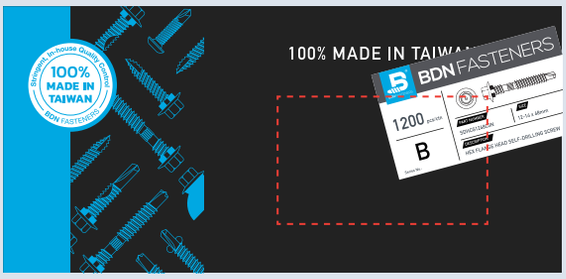
Size: 140 x 80 mm

CORRECT



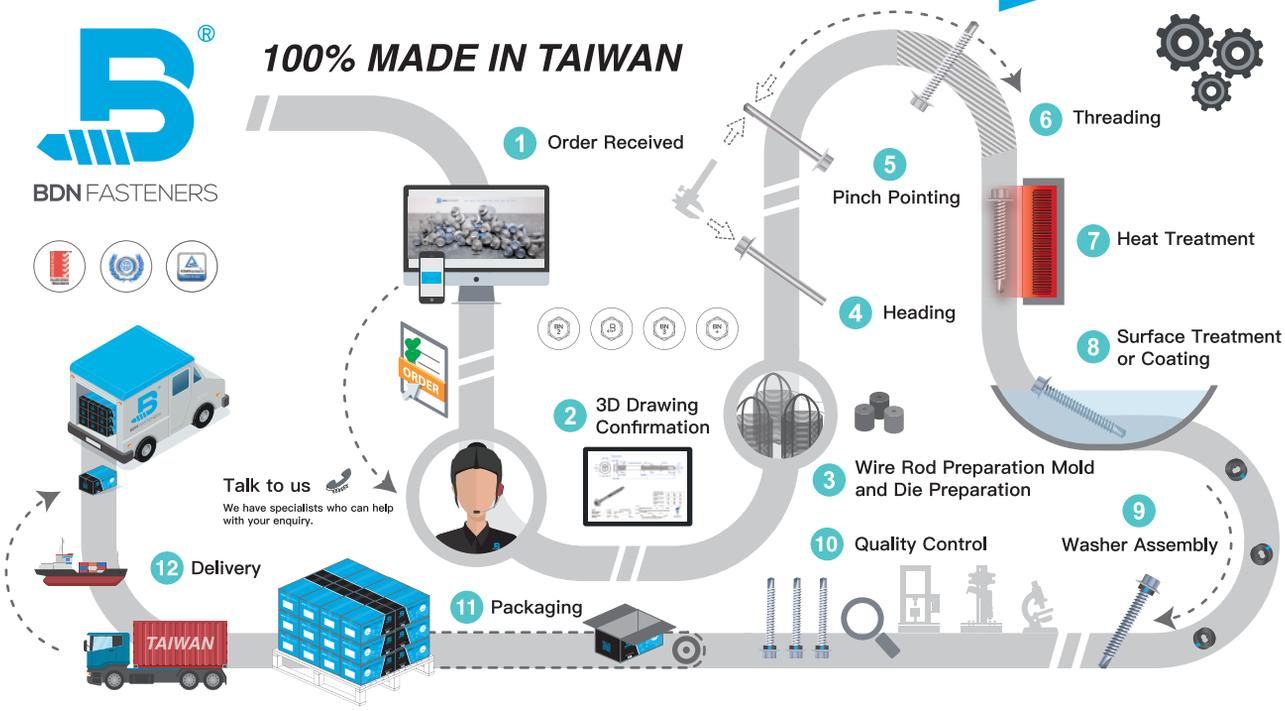
All **BDN Fasteners®** product labels must be placed at the designated area on the carton as stated below.

DO NOT!

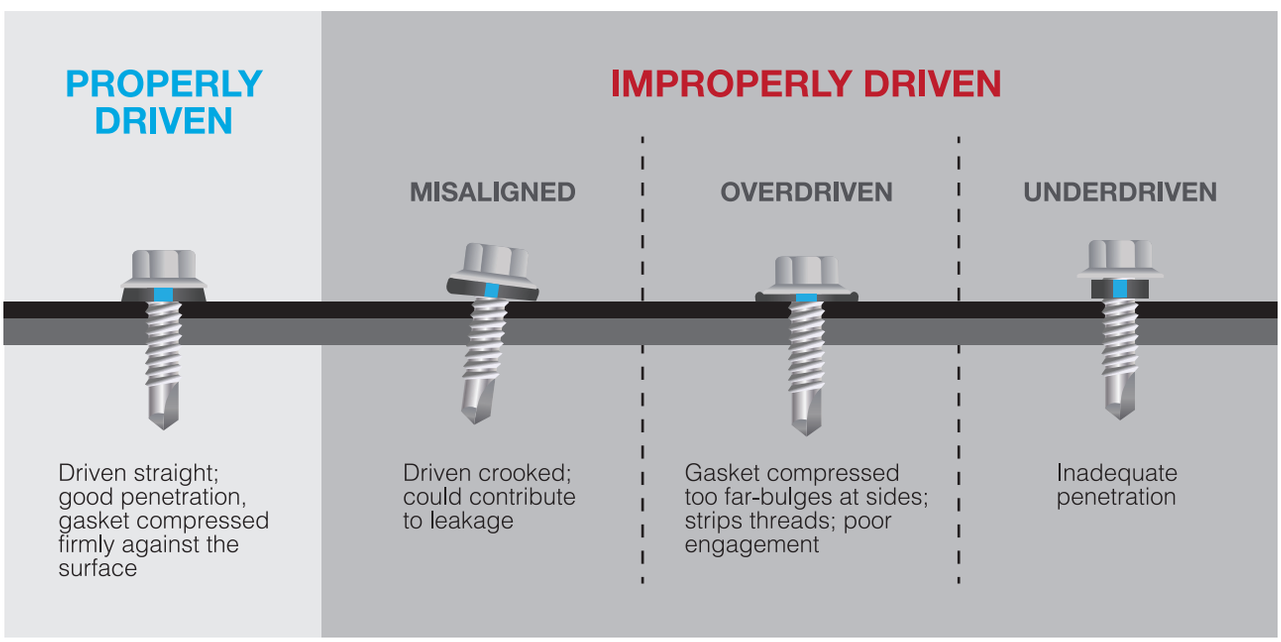


BDN Fasteners® product labels are always placed at the center of the box.

Screw Production Process



Screw Installation



NOTE

BDN Fasteners® OFFICE (INDIA)
BDN FASTENERS (INDIA) PVT.LTD.
REGISTERED OFFICE:
D-62, G.F. SECTOR 48, NOIDA GAUTAM BUDDHA NAGAR, UTTAR PRADESH- 201301, INDIA
OFFICE CUM WAREHOUSE:
B-165, PHASE - II, NOIDA GAUTAM BUDDHA NAGAR, UTTAR PRADESH- 201305, INDIA
MOBILE: +91- 8826176665, +91- 9717235000
E-MAIL: sales@bdnfasteners.in, romil@bdnfasteners.in, gaurav@bdnfasteners.in

www.bdnfasteners.in



BDN FASTENERS

BDN OFFICE - INDIA

BDN FASTENERS (INDIA) PVT.LTD.
MOBILE: +91- 8826176665, +91- 9717235000
E-MAIL: sales@bdnfasteners.in,
romil@bdnfasteners.in, gaurav@bdnfasteners.in

OFFICE CUM WAREHOUSE:
B-165, PHASE - II, NOIDA
GAUTAM BUDDHA NAGAR,
UTTAR PRADESH- 201305, INDIA

REGISTERED OFFICE:
D-62, G.F. SECTOR 48, NOIDA
GAUTAM BUDDHA NAGAR,
UTTAR PRADESH- 201301, INDIA

BDN HEADQUARTER - TAIWAN
NO. 47-37, JIAHUA RD., GANGSHAN,
KAOHSIUNG 820, TAIWAN (R.O.C.)
TEL: +886 7 6282702 | **FAX:** +886 7 6282601
E-MAIL: info@bdnfasteners.com

www.bdnfasteners.in